



COSIFLOR®

pleated blinds

Technical Brochure 2011

Colour Combination

Rails

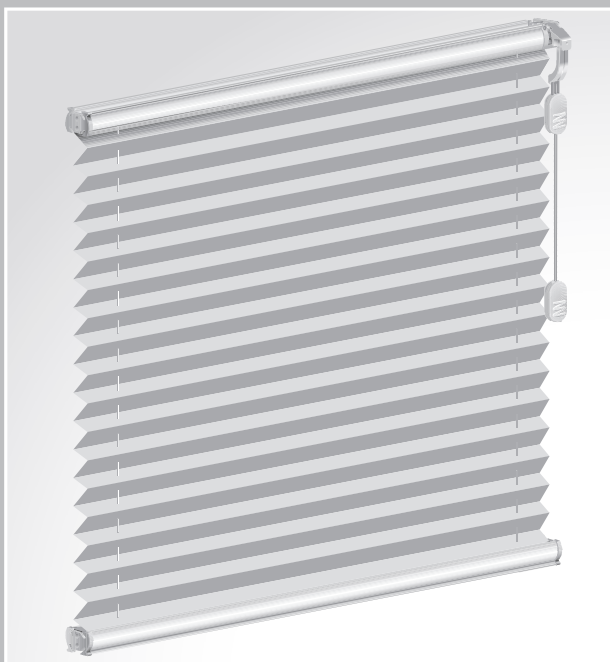
All rails are available in four standard colours: silver, white, black-brown and brass. Further RAL-colours are available. Please ask for prices and lead time.

Plastic Components

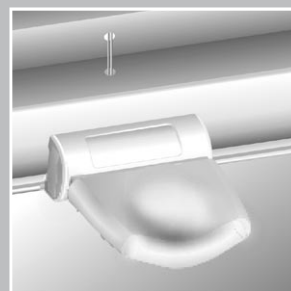
All visible plastic components are available in three colours: **grey, white and black.**

Tension Wires

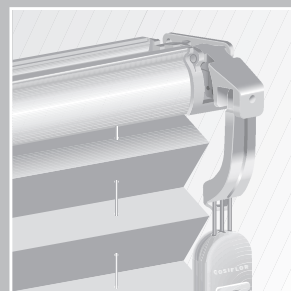
Tension wires are UV-resistant and made of black coated steel wire!



F1 freehanging, with cord lock

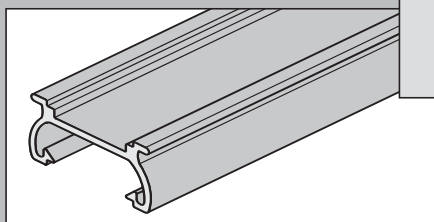


Handle for VS-, DF-, PL-blinds



Cord lock and tassel for F-blinds

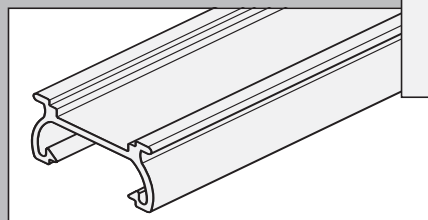
Rails and Plastic Components



silver



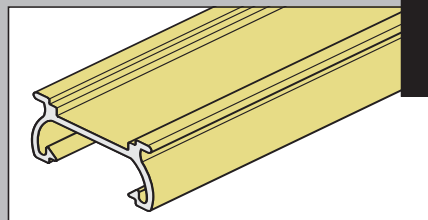
grey



white



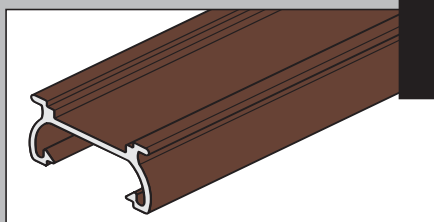
white



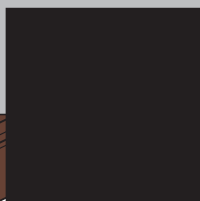
brass



black



black-brown

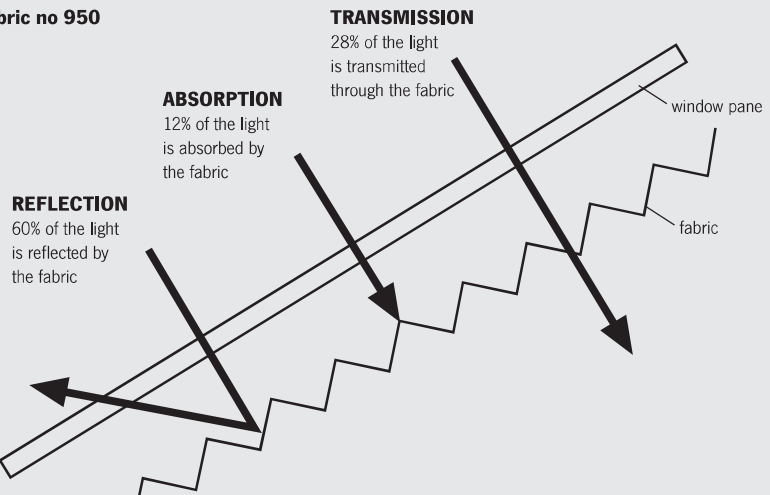


black

Explanation of Terms: Reflection, Absorption, Transmission

The three values add up to 100%. Effects caused by ventilation, installation method, glass pane etc. are not taken into account.

Example: Fabric no 950



Cosiflor for Computer Workplaces

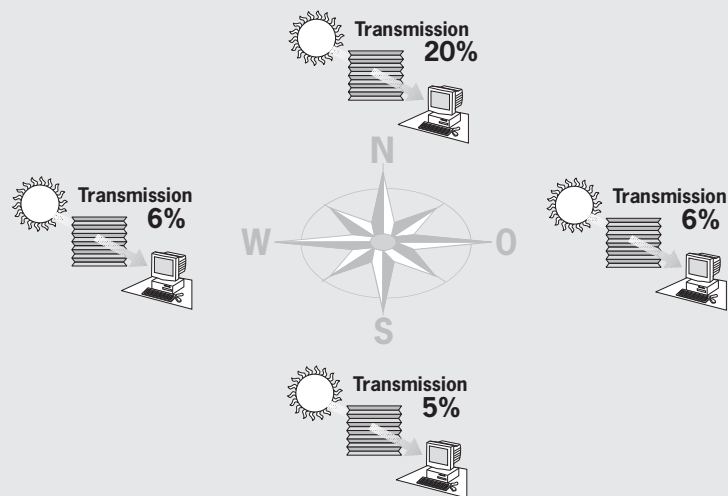
The intensity of sunlight varies from each of the four directions.

Interior sunshades are designed to reduce the incoming sunlight.

The **maximum** permissible transmission level according to EU guidelines is given as percentage for all four directions.

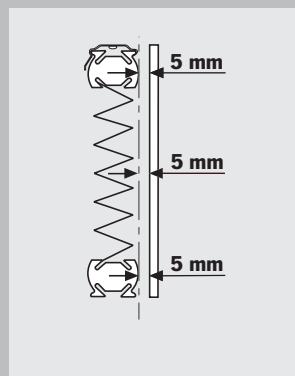
On the pages **Fabric Properties** all suitable fabrics for the respective directions are marked with a dot.

Please find detailed information on page 11.0 and following.



Fitting Inside the Beading

When fitting Cosiflor pleated blinds, please make sure to keep a minimum distance of 5 mm between fabric and glass pane.



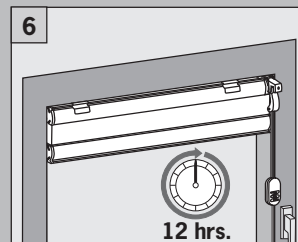
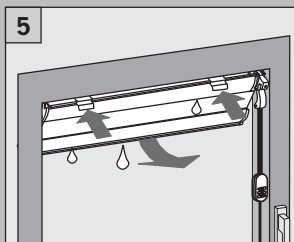
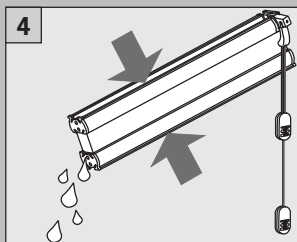
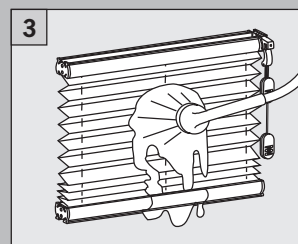
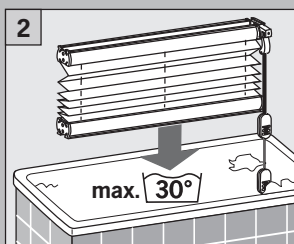
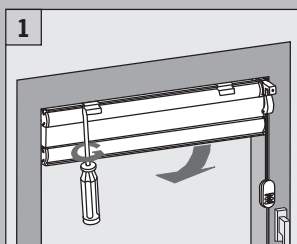
For further information on the suitability of Cosiflor pleated blinds in front of different kinds of glass panes, please contact the respective Cosiflor manufacturers.

Care Instructions for Cosiflor Pleated Blinds

Cosiflor fabrics are easy to clean. Simply wash the blind in a solution of warm water of max. 30°C and a mild detergent. Rinse thoroughly, push the fabric into stack and carefully squeeze the water out until the blind does not drip any longer. Hang the blind up in closed position. Open and close the blind several times while allowing it to dry to prevent the pleats sticking together. Do not iron.

This excludes all metallised fabrics as well as coated black out fabrics and B1-qualities. These can be carefully wiped clean with a cloth. Do not rub!

Please find further details regarding cleaning specifications under **Fabric Properties** in this brochure.



Please make sure to keep the mechanical parts of motorised and crank operated blinds away from the detergent solution or water.

We advise against chemical or ultra-sonic cleaning and do not accept warranty claims in such cases.

Product Information

Operation

For a long-lasting pleating it is necessary to operate your Cosiflor pleated blind regularly and also to fully raise the blind for longer periods.

Especially when the pleated blind is exposed to high temperatures (eg south-facing windows, rooflights, conservatories etc.), above practise is important to repeatedly support the pleats.

Cleaning Frame/Glass

For cleaning window frames and glass-panes do not use any caustic or alkaline detergents which may encounter directly or indirectly (condensation water) with the blind. Insufficient air ventilation (please see fitting instructions for min. mounting spaces) can cause condensation water. Warranty does not apply to damages to the fabric caused by dripping water or insect excrements.

Exterior Usage

Cosiflor pleated blinds are designed for heated interior locations only and not for exterior usage or swimming baths.

Therefore no warranty is given for exterior installations, on open or partly glazed roofed areas or swimming baths.

Motorised Blinds

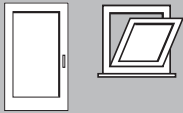
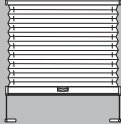
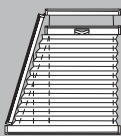
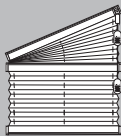
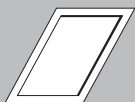
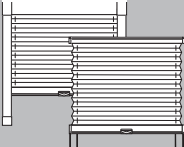
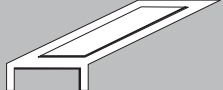
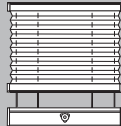
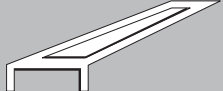
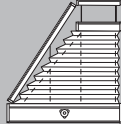
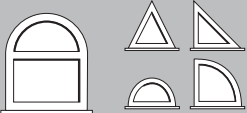
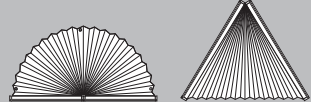
Motorised Blinds are not suitable for damp locations (bathrooms, swimming baths, green houses)

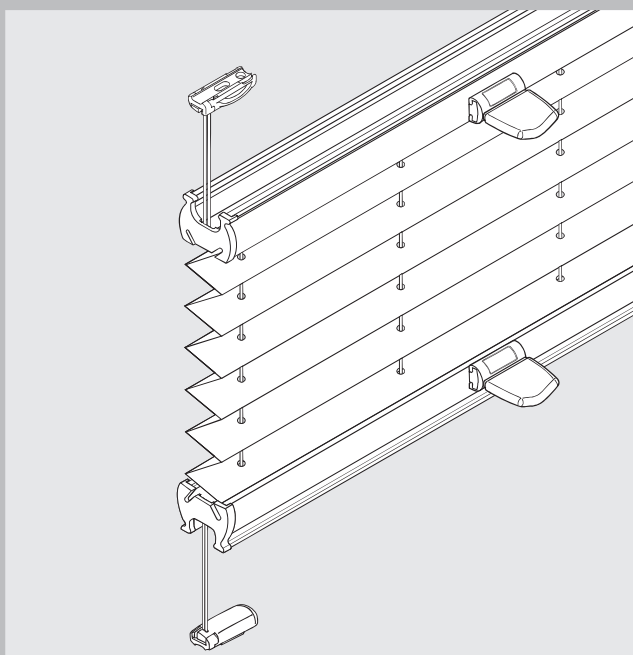


For Your Safety

WARNING:

- Young children and toddlers can strangle in any kind of cords or chains. They can also wrap cords around their necks and strangle.
- Always keep cords out of reach of young children and toddlers to avoid them strangling or getting caught up.
- Move cribs, playpens and other furniture away from cords.

1	Vertical Windows Tilt and Turn Windows / Balcony Doors 	Pre-Tensioned Size Ranges: max. width 150 cm max. height 150 cm or max. width 120 cm max. height 220 cm		VS 1 VS 2 VS 3 VS 3 SD max. width 100 cm
2	Vertical Windows Tilt and Turn Windows / Balcony Doors 	Pre-Tensioned Size Ranges: max. width 150 cm max. height 150 cm or max. width 120 cm max. height 200 / 220 cm		VS 4 VS 4 S VS 5, VS 5 SD VS 6, VS 6 SD VS 7, VS 8 VS 9, VS 9 D VS 10, VS 10 D Slope (5° – 60°) Slope (15° – 35°) Pentagon Hexagon Trapezium Triangle
3	Vertical Windows Tilt and Turn Windows / Balcony Doors 	Freehanging Size Ranges: depending on model type and fabric width		F 1 Cord Lock* F 1 Composite Window with Cord Lock F 2 Cord Lock* F 3 Cord Lock* F 4 Endless Chain* / Endless Cord* FE Motorised* *also with guide wire
4	Vertical Windows Shaped Side Windows 	Freehanging Size Ranges: depending on model type and fabric width		F Slope 1 F Slope 2 FD Slope 3 FD Slope 4 F 7 Cord Lock F 8 Cord Lock (5° – 35°) (5° – 50°) (5° – 50°) (5° – 45°)
5	Roof-Lights 	Pre-Tensioned Size Ranges: max. width 150 cm max. height 150 cm		DF Comfort 10 DF Comfort 20 DF Comfort 30 DF 10 DF 20 DF 30
6	Rectangular Roof-Lights 	For Conservatories Size Ranges: max. width 150 cm max. height 400 cm		PL 11 PLK 13 PLE 12 Operating Rod Operating Crank Motorised
7	Shaped Roof-Lights 	For Conservatories Size Ranges: max. width 150 cm max. height 200 / 400 cm		PL 20, PL 21, PL 22, PL 23, Trapezium / Triangle PL 30, PL 31, PL 32, PL 32 D, Trapezium / Triangle PL 33, PL 33 D PLK 30, PLK 31 PLK 32, PLK 33 PLE 30, PLE 31 PLE 32, PLE 33 PL 40 PL 41, 42 Triangle Trapezium / Operating Crank Triangle / Operating Crank Trapezium / Motorised Triangle / Motorised Slope Pentagon / Hexagon
8	Triangular and Circular Windows 	Fixed / Movable 	SD 2 SD 3 SDP 2 SDP 3 SR 1, SR 1 S SR 2 Triangle Triangle Plafond Triangle Plafond Triangle Circular Circular	More Model Types available on Request.
9	Electronic Controls			
10	Single Components			
11	Fabric Properties			



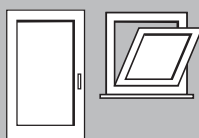
1

VS1

VS2

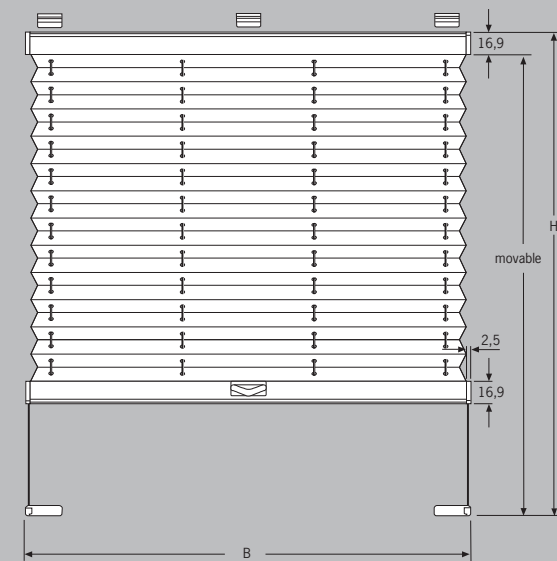
VS3 (Day + Night)

VS3 SD



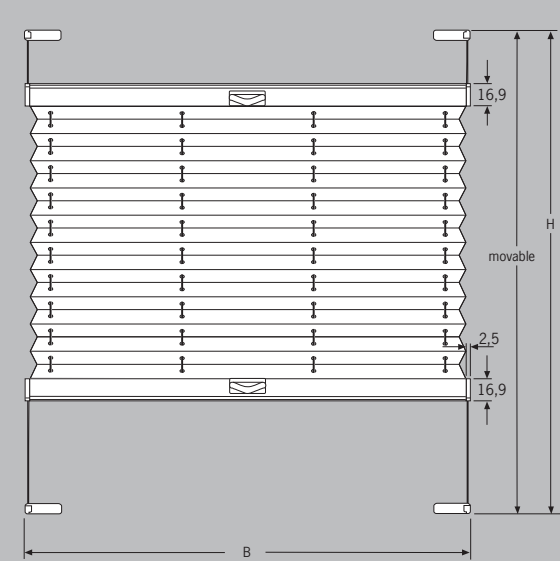
VS1, VS2

VS 1



Fitting Situation:
Vertical

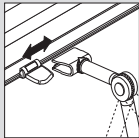
VS 2



Fitting Situation:
Vertical

dimensions in mm

Operation (please specify):



operating handle or rod

Size Ranges

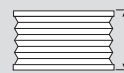
VS 1, VS 2:
 max. width (B) 150 cm
 max. height 150 cm
 or
 max. width (B) 120 cm
 max. height (H) 220 cm

VS 1:
 min. width (B) 12 cm
 min. height (H) 20 cm

VS 2:
 min. width (B) 20 cm
 min. height (H) 20 cm

VS 1

Blind Height:



50 cm
 100 cm
 150 cm
 200 cm
 220 cm

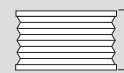
Package Height:



ca. 5 cm
 ca. 6 cm
 ca. 7 cm
 ca. 8 cm
 ca. 9 cm

VS 2

Blind Height:



50 cm
 100 cm
 150 cm
 200 cm
 220 cm

Package Height:

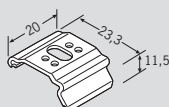


ca. 5 cm
 ca. 6 cm
 ca. 7 cm
 ca. 8 cm
 ca. 9 cm

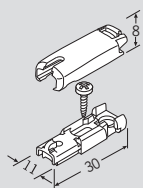
VS1, VS 2



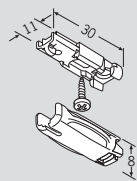
Anti Twist Item VS
48144 black



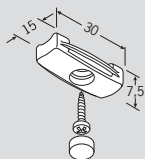
Top Fix Bracket
48100 silver
48101 white
48102 black



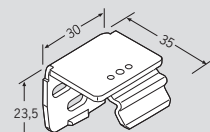
Tension Shoe
48141 grey
48142 white
48143 black



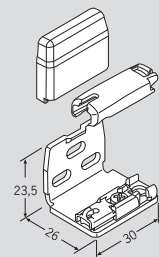
Tension Shoe with Snap Mechanism
49141 grey
49142 white
49143 black



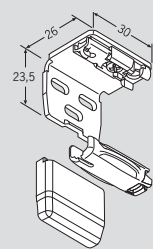
Snap Mechanism '10 VS
(recommended for blinds wider than 100 cm)
48314 grey
48315 white
48316 black



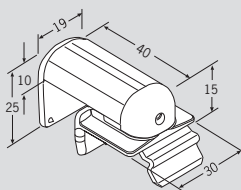
Face Fix Bracket
48200 grey
48201 white
48202 black



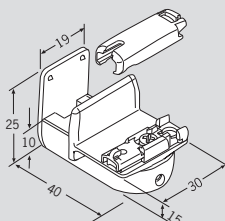
Bracket with Tension Shoe
48224 grey
48225 white
48226 black



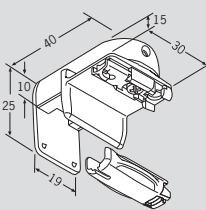
Bracket and Tension Shoe with Snap Mechanism
49224 grey
49225 white
49226 black



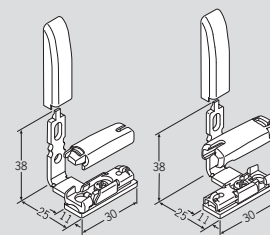
Clamp Bracket
48300 grey
48301 white
48302 black



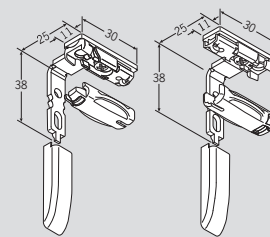
Clamp Bracket with Tension Shoe
48333 grey
48334 white
48335 black



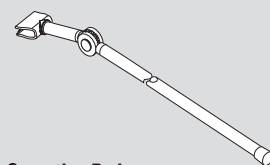
Clamp Bracket and Tension Shoe with Snap Mechanism
49333 grey
49334 white
49335 black



Beading Bracket VS, Set
48210 grey
48211 white
48212 black
VS 1, VS 3 and VS 3 SD = max. blind width 50 cm



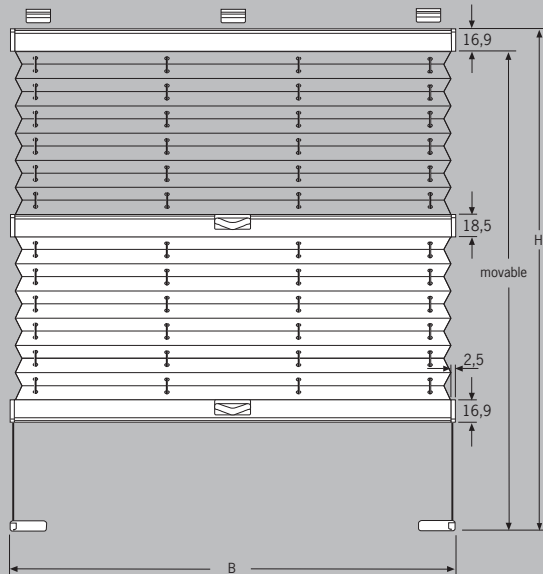
Beading Bracket VS and Tension Shoe with Snap Mechanism, Set
49210 grey
49211 white
49212 black
VS 1, VS 3 and VS 3 SD = max. blind width 50 cm



Operating Rod with Joint
48504 125 cm
48505 150 cm
48506 200 cm
48507 250 cm

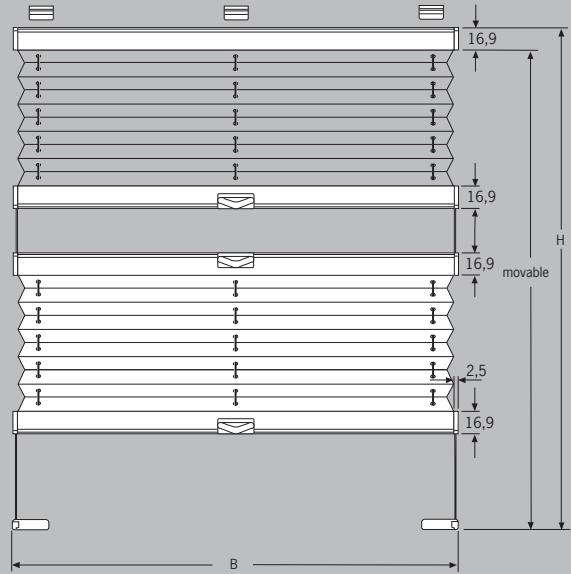
VS 3, VS 3 SD

VS 3



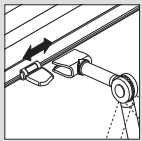
Fitting Situation:
Vertical

VS 3 SD



dimensions in mm

Operation (please specify):



operating handle or rod

Size Ranges

VS 3:

max. width (B)	150 cm
max. height (H)	150 cm
or	
max. width (B)	120 cm
max. height (H)	220 cm

VS 3 SD:

max. width (B)	100 cm
max. height (H)	220 cm

VS 3, VS 3 SD:

min. width (B)	12 cm
min. height (H)	20 cm

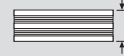
VS 3

Blind Height:



50 cm
100 cm
150 cm
200 cm
220 cm

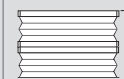
Package Height:



ca. 7 cm
ca. 8 cm
ca. 9 cm
ca. 10 cm
ca. 11 cm

VS 3 SD

Blind Height:



50 cm
100 cm
150 cm
200 cm
220 cm

Package Height:

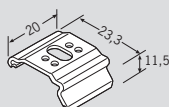


ca. 9 cm
ca. 10 cm
ca. 11 cm
ca. 12 cm
ca. 13 cm

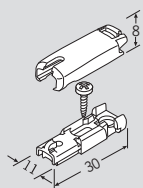
VS 3, VS3 SD



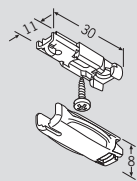
Anti Twist Item VS
48144 black



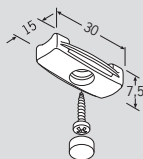
Top Fix Bracket
48100 silver
48101 white
48102 black



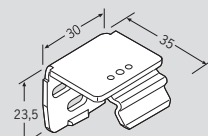
Tension Shoe
48141 grey
48142 white
48143 black



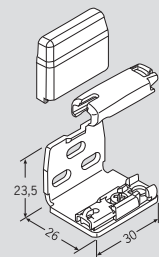
Tension Shoe with Snap Mechanism
49141 grey
49142 white
49143 black



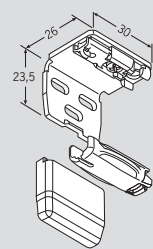
Snap Mechanism '10 VS
(recommended for blinds wider than 100 cm)
48314 grey
48315 white
48316 black



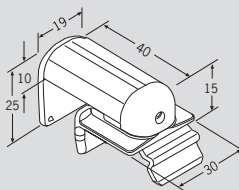
Face Fix Bracket
48200 grey
48201 white
48202 black



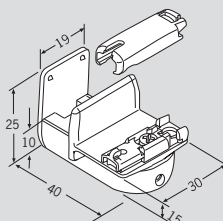
Bracket with Tension Shoe
48224 grey
48225 white
48226 black



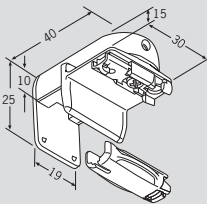
Bracket and Tension Shoe with Snap Mechanism
49224 grey
49225 white
49226 black



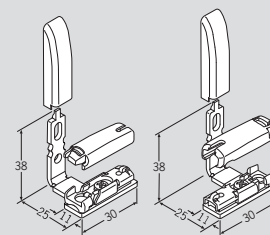
Clamp Bracket
48300 grey
48301 white
48302 black



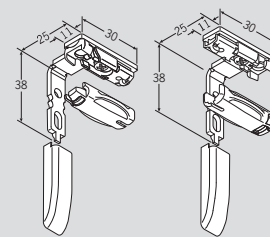
Clamp Bracket with Tension Shoe
48333 grey
48334 white
48335 black



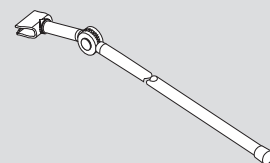
Clamp Bracket and Tension Shoe with Snap Mechanism
49333 grey
49334 white
49335 black



Beading Bracket VS, Set
48210 grey
48211 white
48212 black
VS 1, VS 3 and VS 3 SD = max. blind width 50 cm



Beading Bracket VS and Tension Shoe with Snap Mechanism, Set
49210 grey
49211 white
49212 black
VS 1, VS 3 and VS 3 SD = max. blind width 50 cm

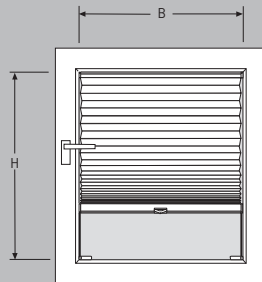


Operating Rod with Joint
48504 125 cm
48505 150 cm
48506 200 cm
48507 250 cm

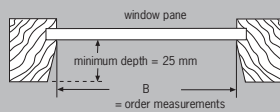
VS1, VS2, VS3, VS3SD

Measuring to Fit to Window Beading

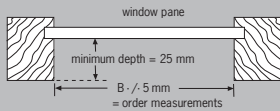
Measure the width **B** at several points in case of possible frame size tolerances.



1. angled frame



2. straight frame

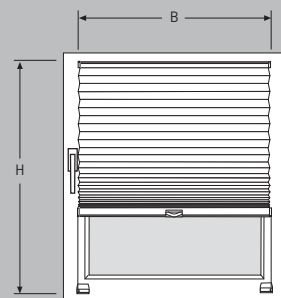


Measuring to Fit to Frame

Please pay attention to window furniture.

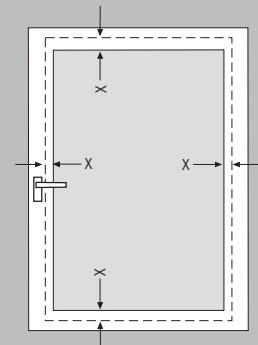
Width **B** and height **H** including overlap = order measurements

Fitting with clamp brackets = reduce H by 10 mm



X = Desired Overlap

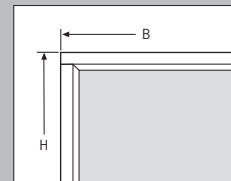
When fitting to the window frame please specify recess sizes plus the desired overlaps.



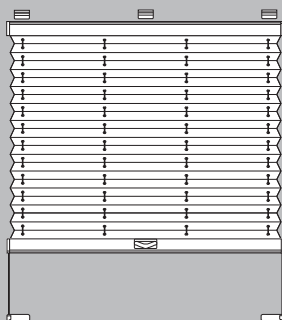
Measuring to Fit to Window Bar (Beading Bracket)

Measure the corners of the window bar.

Width **B** plus 5 mm = order measurements
Height **H** minus 5 mm = order measurements



VS 1



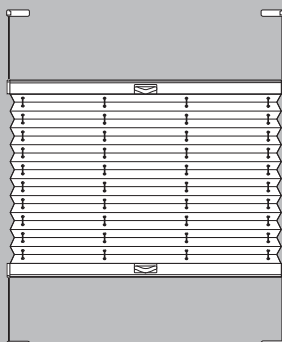
VS 1

Aluminium rails, silver anodised, white coated, black-brown coated or brass anodised.

Fitting Situation: Vertical



VS 2



VS 2

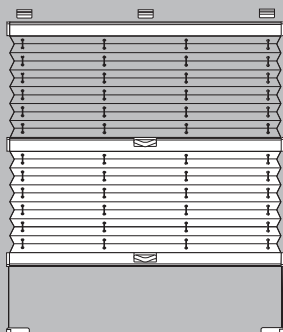
Aluminium rails, silver anodised, white coated, black-brown coated or brass anodised.

Fitting Situation: Vertical

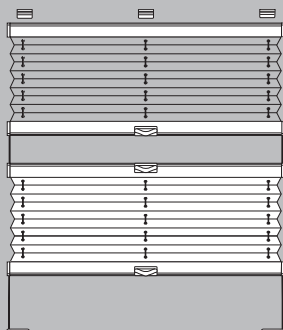


VS1, VS2, VS3, VS3SD

VS3

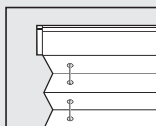


VS3 SD

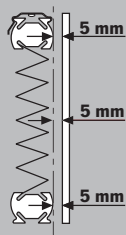


Attention:

If Not Specified:
Fabric Width = Rail Width
End Caps Overlap!

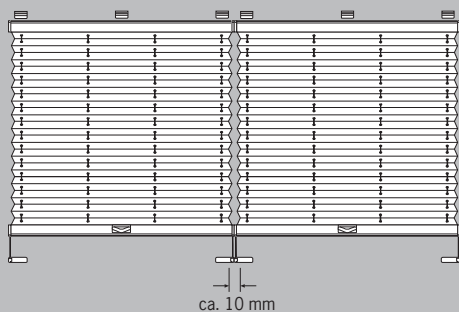


**Distance Between Blind
and Window Pane = 5 mm**



Several Blinds Side by Side

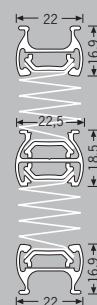
Light slit (fabric gap) between the blinds approx. 10 mm.
Necessary rail distance is determined by the manufacturer.



VS3

Aluminium rails,
silver anodised,
white coated,
black-brown coated or
brass anodised.

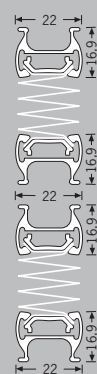
Fitting Situation:
Vertical

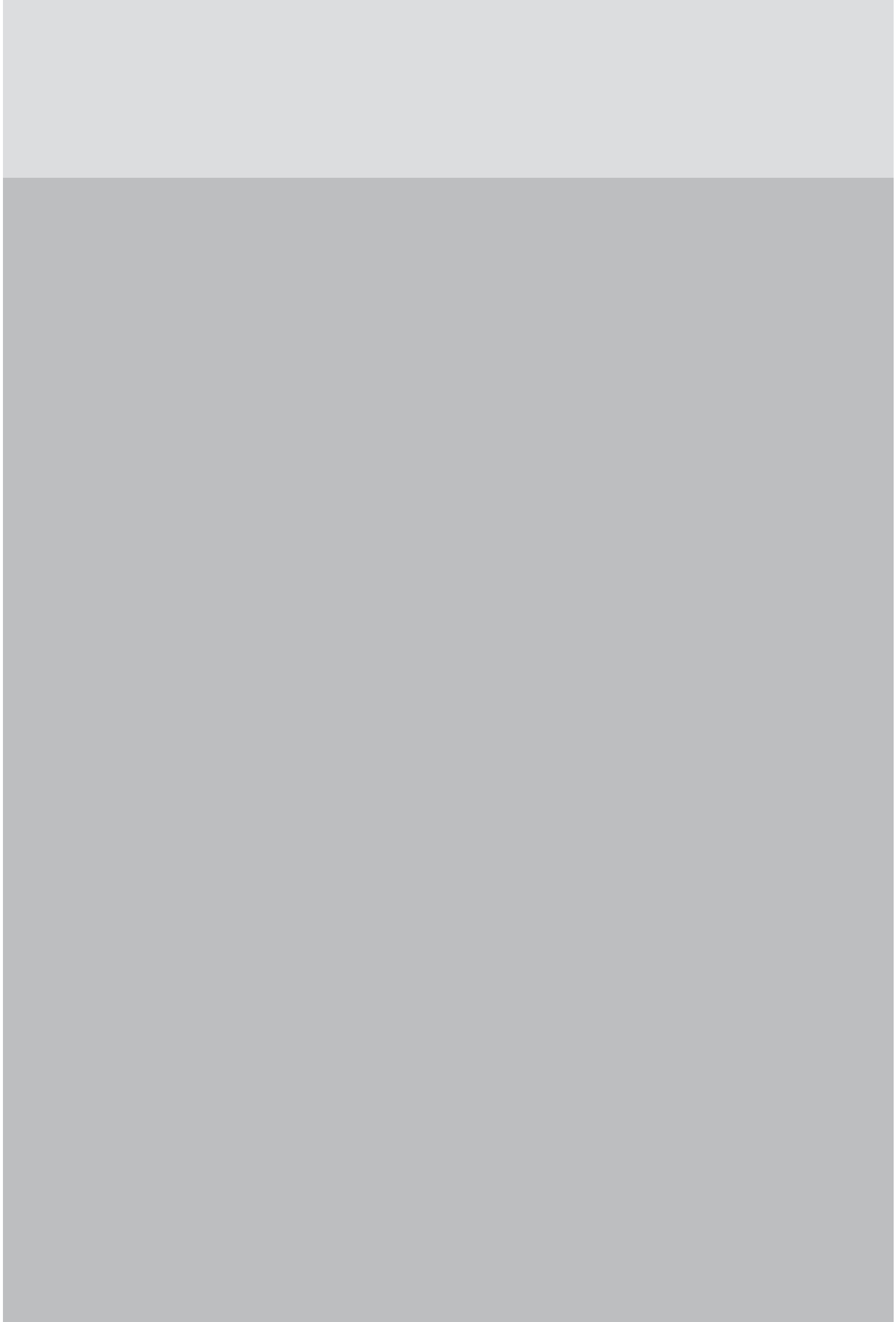


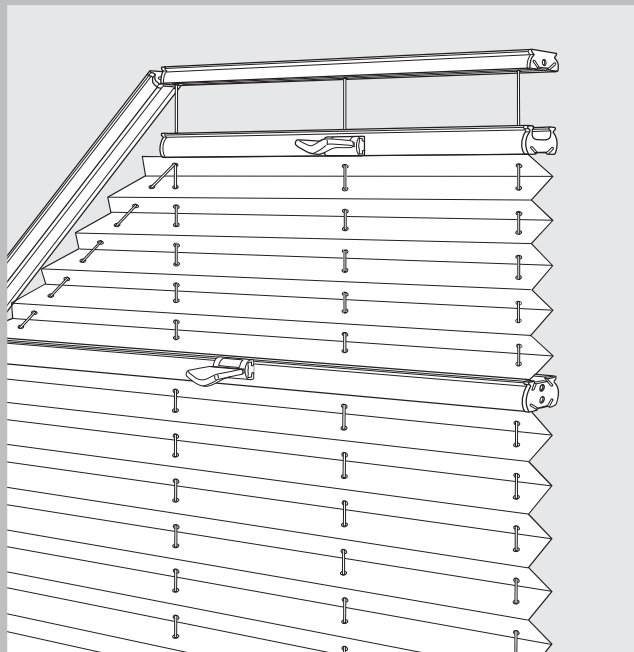
VS3 SD

Aluminium rails,
silver anodised,
white coated,
black-brown coated or
brass anodised.

Fitting Situation:
Vertical

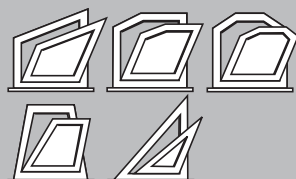






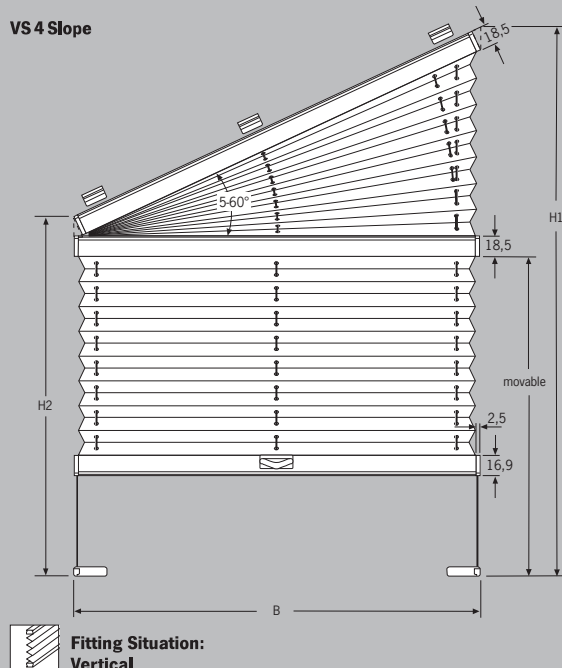
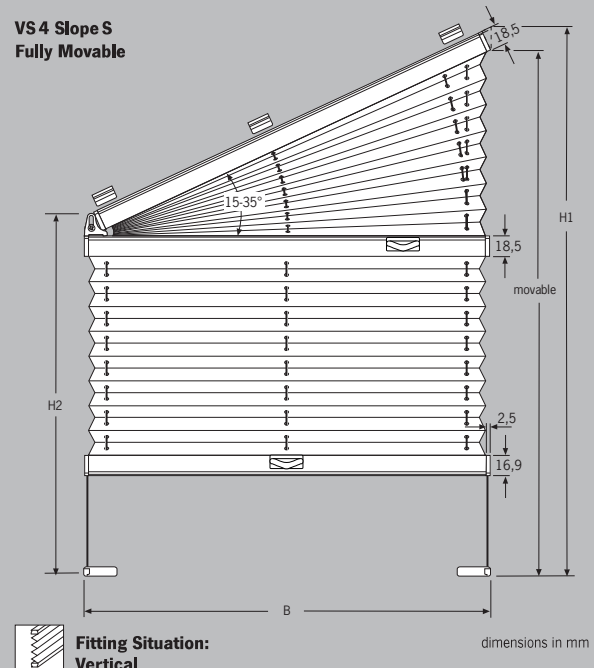
2

VS 4	Slope (5°-60°)
VS 4 S	Slope (15°-35°)
VS 5, VS 5 SD	Pentagon
VS 6, VS 6 SD	Hexagon
VS 7, VS 8	Trapezium
VS 9, VS 9 D	Triangle
VS 10, VS 10 D	Triangle

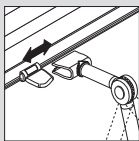


VS 4 Slope, VS 4 Slope S

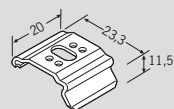
VS 4 Slope

VS 4 Slope S
Fully Movable

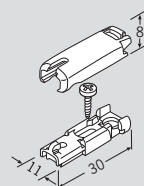
Operation (please specify):



operating handle or rod

**Top Fix Bracket**

48100 silver
 48101 white
 48102 black

**Tension Shoe**

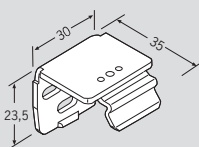
48141 grey
 48142 white
 48143 black

Size Ranges VS 4 Slope:

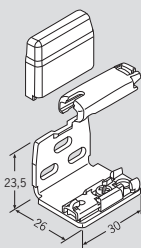
max. slope width 230 cm*
 max. base width (B) 150 cm
 max. height (H1) 150 cm
 or
 max. base width (B) 120 cm
 max. height (H1) 220 cm

min. base width (B) 30 cm
 min. height (H1) 30 cm
 min. height (H2) 10 cm
 5° – 60° angle.

*depending on fabric width

**Face Fix Bracket**

48200 grey
 48201 white
 48202 black

**Bracket with Tension Shoe**

48224 grey
 48225 white
 48226 black

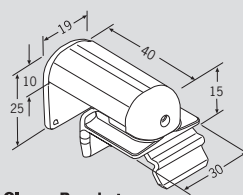
Size Ranges VS 4 Slope S:

max. base width (B) 100 cm
 max. height (H1) 220 cm

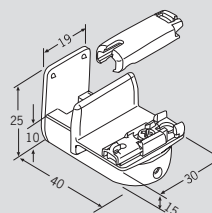
min. base width (B) 30 cm
 min. height (H1) 30 cm
 min. height (H2) 10 cm

15° – 35° angle.

**Top floating rail only movable
 by hand**

**Clamp Bracket**

48300 grey
 48301 white
 48302 black

**Clamp Bracket
 with Tension Shoe**

48333 grey
 48334 white
 48335 black

VS 4 Slope

**Blind
 Height (H2):**



50 cm
 100 cm
 150 cm
 200 cm
 220 cm

Package Height:



ca. 6 cm
 ca. 7 cm
 ca. 8 cm
 ca. 9 cm
 ca. 10 cm

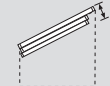
VS 4 Slope S

**Blind
 Height (H2):**

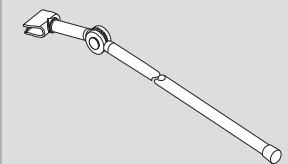


50 cm
 100 cm
 150 cm
 200 cm
 220 cm

Package Height:



ca. 7 cm
 ca. 8 cm
 ca. 9 cm
 ca. 10 cm
 ca. 11 cm

**Anti Twist Item VS**
 48144 black**Operating Rod
 with Joint**

48504 125 cm
 48505 150 cm
 48506 200 cm
 48507 250 cm

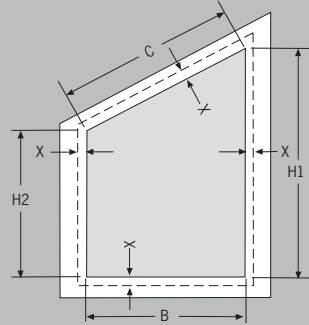
VS 4 Slope, VS 4 Slope S

Measuring to Fit to Frame

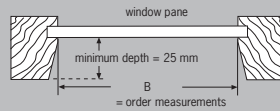
When fitting to the window frame please specify recess sizes plus the desired overlaps.
Please pay attention to window furniture.

X = Desired Overlap to Outside Edge of Rail

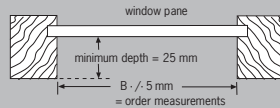
Mounting Instruction:
Clip and bracket require another 4,5 mm each.



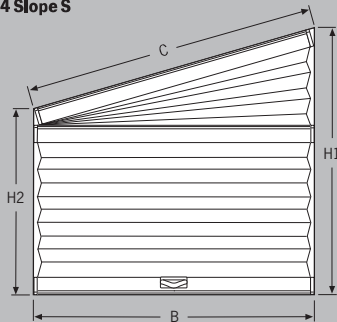
1. angled frame



2. straight frame

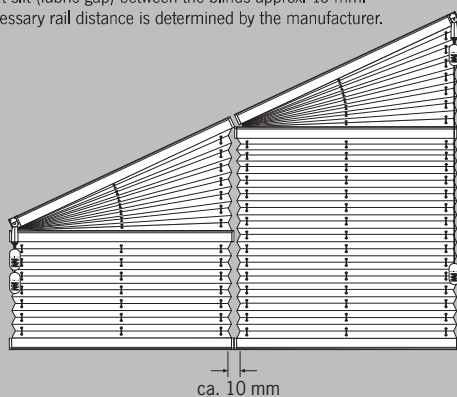


VS 4 Slope, VS 4 Slope S (Fig. VS 4 Slope)

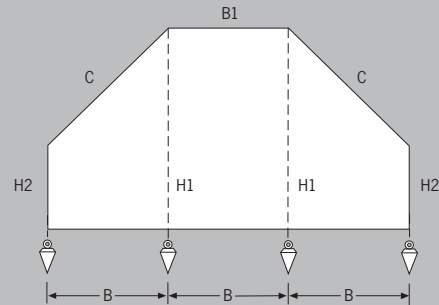


Several Blinds Side by Side

Light slit (fabric gap) between the blinds approx. 10 mm.
Necessary rail distance is determined by the manufacturer.



Measuring to Fit to Window Beading (recess fitting)



The recess sizes are measured with a plumb-line.

Please only specify recess sizes. The necessary reductions are determined by the manufacturer.

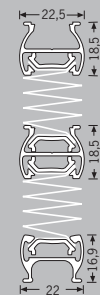
The hypotenuse **C** is used as reference dimension. Please take the measurements with great care, to ensure the correct calculation of the angle.

Measurement B: width
Measurement H1: total height
Measurement B1: width
Measurement H2: short height
Measurement C: hypotenuse (not the rail size)

VS 4 Slope, VS 4 Slope S

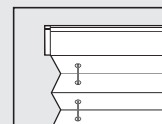
Aluminium rails,
silver anodised,
white coated,
black-brown coated
or brass anodised.

Fitting Situation: Vertical

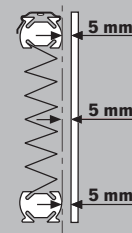


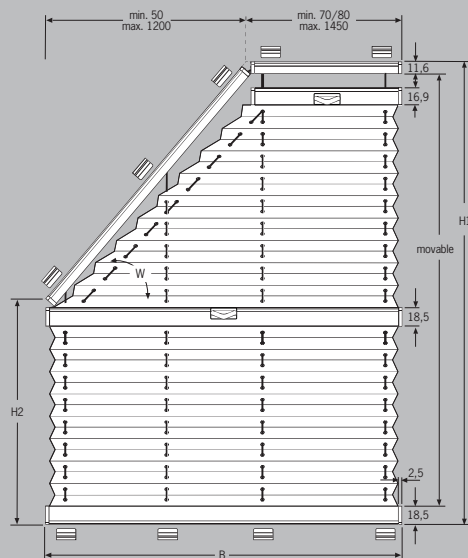
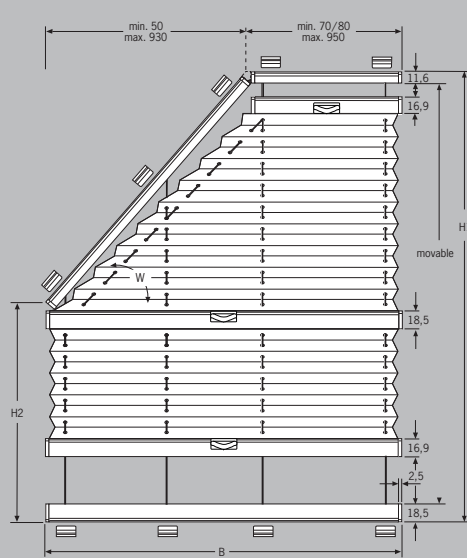
Attention:

If Not Specified:
Fabric Width = Rail Width
End Caps Overlap!

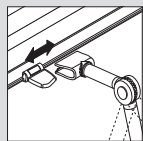


Distance Between Blind and Window Pane = 5 mm

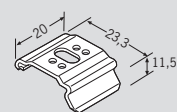
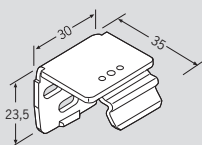
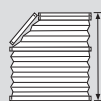
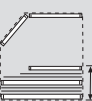
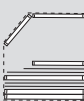
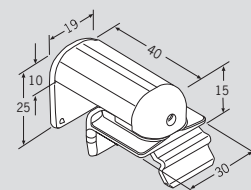
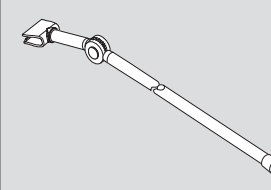


VS 5 Pentagon (Right Angle), VS 5 SD Pentagon (Right Angle)
VS 5
Fitting Situation:
Vertical
VS 5 SD
Fitting Situation:
Vertical

dimensions in mm

Operation (please specify):

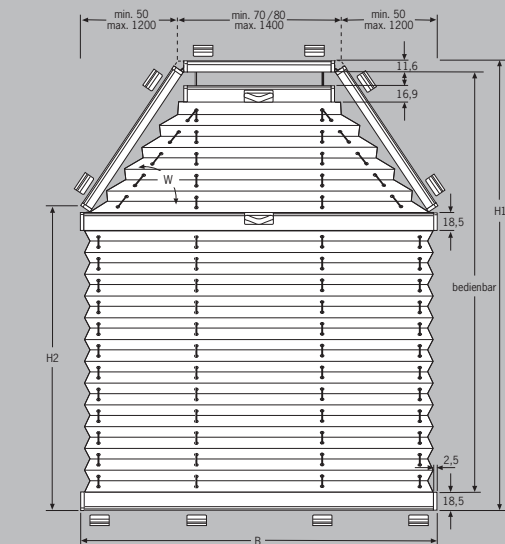
operating handle or rod

Tension Cords are Visible
 The minimum **top width** when using the loop cord is **80 mm**.
Size Ranges**VS 5:**
 max. width (B) 150 cm
 max. height (H1) 150 cm
 or
 max. width (B) 120 cm
 max. height (H1) 200 cm
 min. width (B) 30 cm
 min. height (H1) 30 cm
Angle Range VS 5:
 min. angle (W) 15°
 max. angle (W) 80°
VS 5 SD:
 max. width (B) 100 cm
 max. height (H1) 200 cm
 min. width (B) 30 cm
 min. height (H1) 30 cm
Angle Range VS 5 SD:
 min. angle (W) 15°
 max. angle (W) 80°
**Top Fix Bracket**
 48100 silver
 48101 white
 48102 black
**Face Fix Bracket**
 48200 grey
 48201 white
 48202 black
VS 5**Blind Height:**
 50 cm
 100 cm
 150 cm
 200 cm
Package Height:
 ca. 7 cm
 ca. 8 cm
 ca. 9 cm
 ca. 10 cm
VS 5 SD**Blind Height:**
 50 cm
 100 cm
 150 cm
 200 cm
Package Height:
 ca. 9 cm
 ca. 10 cm
 ca. 11 cm
 ca. 12 cm
**Clamp Bracket**
 48300 grey
 48301 white
 48302 black
**Operating Rod with Joint**
 48504 125 cm
 48505 150 cm
 48506 200 cm
 48507 250 cm

VS 6 Hexagon, VS 6 SD Hexagon

VS 6

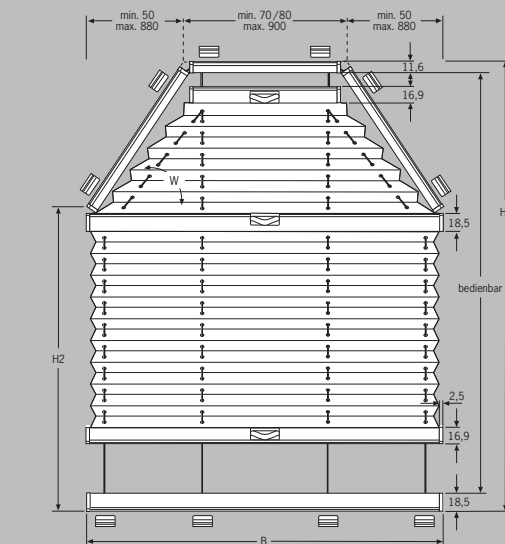
Also Possible Asymmetrically



Fitting Situation:
Vertical

VS 6 SD

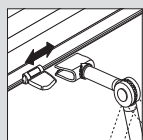
Also Possible Asymmetrically



Fitting Situation:
Vertical

dimensions in mm

Operation (please specify):



operating handle or rod

Tension Cords are Visible

The minimum **top width** when using the loop cord is **80 mm**.

Size Ranges

VS 6:

max. width (B)	150 cm
max. height (H1)	150 cm
or	
max. width (B)	120 cm
max. height (H1)	200 cm
min. width (B)	30 cm
min. height (H1)	30 cm

Angle Range VS 6:

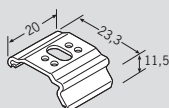
min. angle (W)	15°
max. angle (W)	70°

VS 6 SD:

max. width (B)	100 cm
max. height (H1)	200 cm
min. width (B)	30 cm
min. height (H1)	30 cm

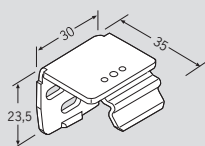
Angle Range VS 6 SD:

min. angle (W)	15°
max. angle (W)	70°



Top Fix Bracket

48100 silver
48101 white
48102 black

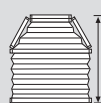


Face Fix Bracket

48200 silver
48201 white
48202 black

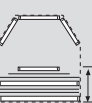
VS 6

Blind Height:



50 cm
100 cm
150 cm
200 cm

Package Height:



ca. 7 cm
ca. 8 cm
ca. 9 cm
ca. 10 cm

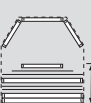
VS 6 SD

Blind Height:

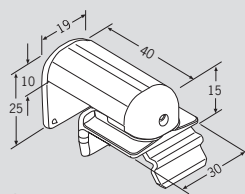


50 cm
100 cm
150 cm
200 cm

Package Height:

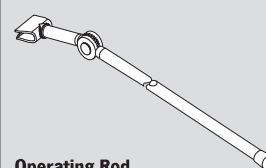


ca. 9 cm
ca. 10 cm
ca. 11 cm
ca. 12 cm



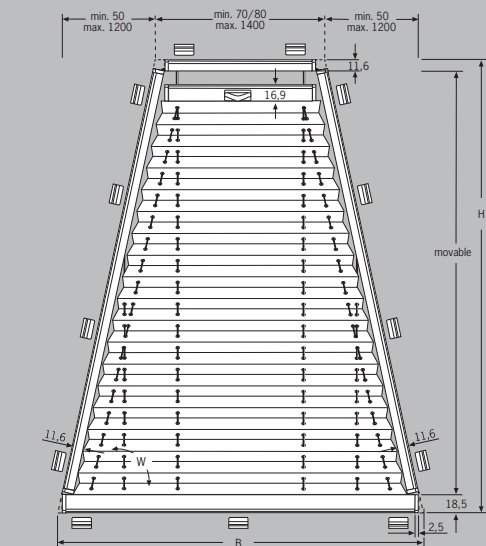
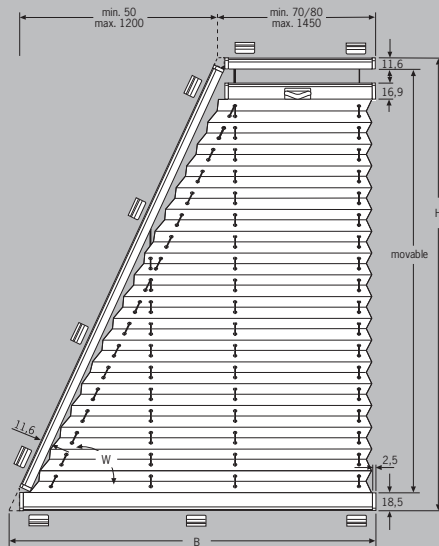
Clamp Bracket

48300 grey
48301 white
48302 black

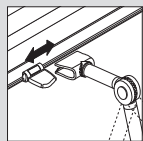


Operating Rod with Joint

48504 125 cm
48505 150 cm
48506 200 cm
48507 250 cm

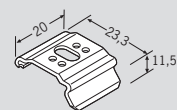
VS 7 Trapezium, VS 8 Trapezium (Right Angle)
VS 7
Also Possible Asymmetrically

Fitting Situation:
Vertical
VS 8

Fitting Situation:
Vertical

dimensions in mm

Operation (please specify):


operating handle or rod

Tension Cords are Visible

 The minimum **top width** when using the loop cord is **80 mm**.

Top Fix Bracket

 48100 silver
 48101 white
 48102 black

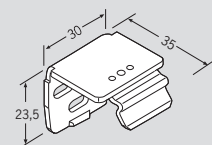
Size Ranges
VS 7, VS 8:

 max. width (B) 150 cm
 max. height (H) 150 cm
 or
 max. width (B) 120 cm
 max. height (H) 200 cm
 min. width (B) 30 cm
 min. height (H) 30 cm

Angle Range VS 7:

 min. angle (W) 15°
 max. angle (W) 70°

Angle Range VS 8:

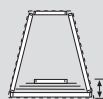
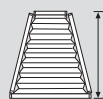
 min. angle (W) 15°
 max. angle (W) 80°

Face Fix Bracket

 48200 grey
 48201 white
 48202 black

VS 7
Blind Height:

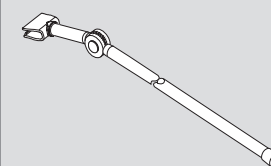
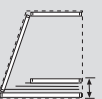
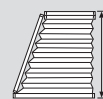
 50 cm
 100 cm
 150 cm
 200 cm

Package Height:

 ca. 6 cm
 ca. 7 cm
 ca. 8 cm
 ca. 9 cm

VS 8
Blind Height:

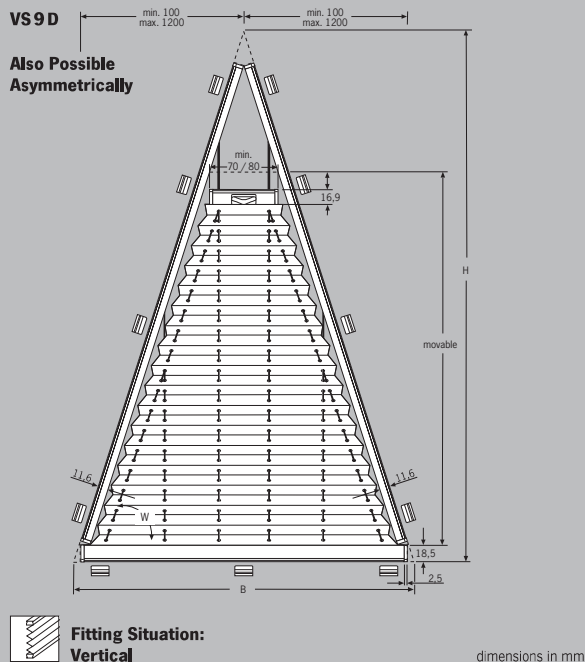
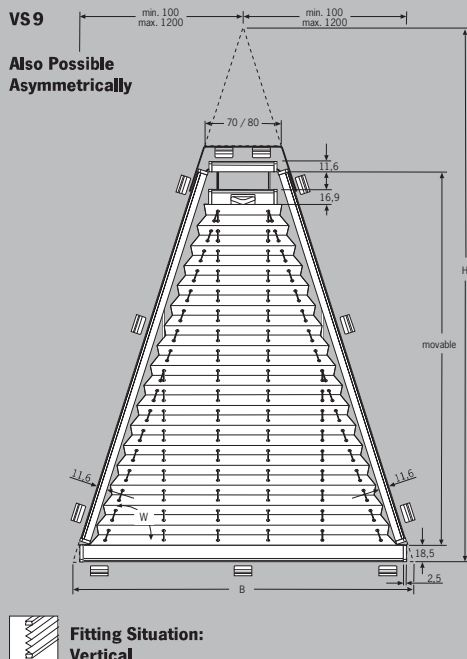
 50 cm
 100 cm
 150 cm
 200 cm

Package Height:

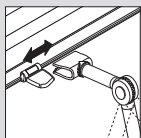
 ca. 6 cm
 ca. 7 cm
 ca. 8 cm
 ca. 9 cm

Operating Rod with Joint

 48504 125 cm
 48505 150 cm
 48506 200 cm
 48507 250 cm

VS 9 Triangle, VS 9 D Triangle



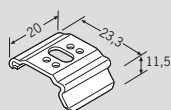
Operation (please specify):



operating handle or rod

Tension Cords are Visible

The minimum **top width** when using the loop cord is **80 mm**.

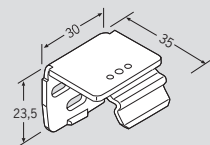


Top Fix Bracket

48100 silver
48101 white
48102 black

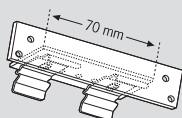
Size Ranges VS 9, VS 9 D:

max. width (B)	150 cm
max. height (H)	150 cm
or	
max. width (B)	120 cm
max. height (H)	200 cm
min. width (B)	30 cm
min. height (H)	30 cm
min. angle (W)	15°
max. angle (W)	70°



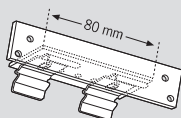
Face Fix Bracket

48200 grey
48201 white
48202 black



Fixing Bracket (VS 9)

70 mm
48240 grey
48241 white
48242 black

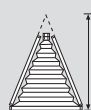


Fixing Bracket (VS 9)

80 mm
48245 grey
48246 white
48247 black

VS 9

Blind Height:



50 cm
100 cm
150 cm
200 cm

Package Height:



ca. 6 cm
ca. 7 cm
ca. 8 cm
ca. 9 cm

VS 9 D

Blind Height:

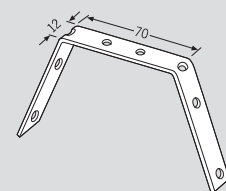


50 cm
100 cm
150 cm
200 cm

Package Height:

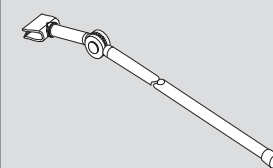


ca. 6 cm
ca. 7 cm
ca. 8 cm
ca. 9 cm



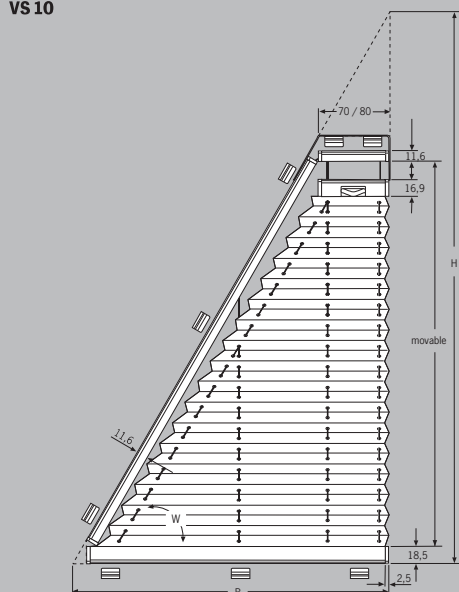
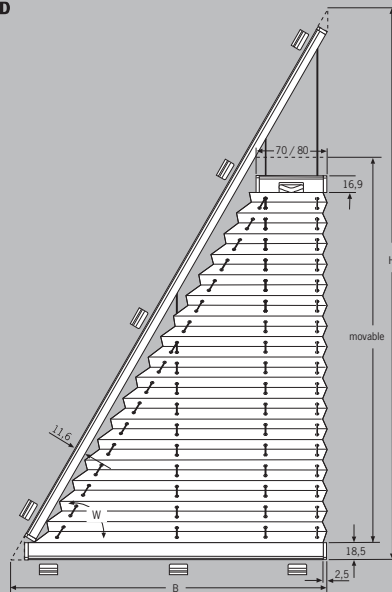
Adjustable Holder (VS 9)

70 mm
48250 grey
48251 white
48252 black

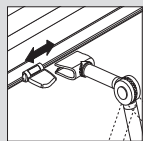


Operating Rod with Joint

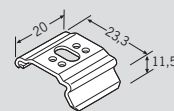
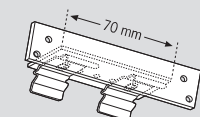
48504 125 cm
48505 150 cm
48506 200 cm
48507 250 cm

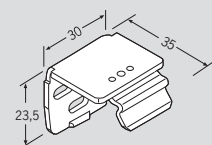
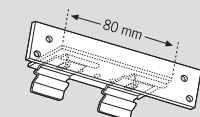
VS 10 Triangle (Right Angle), VS 10 D Triangle (Right Angle)
VS 10
Fitting Situation:
Vertical
VS 10 D
Fitting Situation:
Vertical

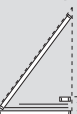
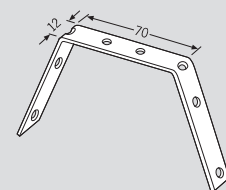
dimensions in mm

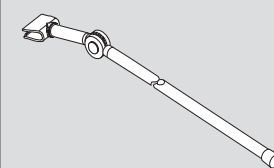
Operation (please specify):

operating handle or rod

Tension Cords are Visible
 The minimum **top width** when using the loop cord is **80 mm**.
**Top Fix Bracket**
 48100 silver
 48101 white
 48102 black

Fixing Bracket (VS 10)
70 mm

 48240 grey
 48241 white
 48242 black
Size Ranges
VS 10, VS 10 D:
 max. width (B) 120 cm
 max. height (H) 200 cm
 min. width (B) 30 cm
 min. height (H) 30 cm
 min. angle (W) 15°
 max. angle (W) 80°
**Face Fix Bracket**
 48200 grey
 48201 white
 48202 black

Fixing Bracket (VS 10)
80 mm

 48245 grey
 48246 white
 48247 black
VS 10**Blind Height:**
 50 cm
 100 cm
 150 cm
 200 cm
Package Height:
 ca. 6 cm
 ca. 7 cm
 ca. 8 cm
 ca. 9 cm
VS 10 D**Blind Height:**
 50 cm
 100 cm
 150 cm
 200 cm
Package Height:
 ca. 6 cm
 ca. 7 cm
 ca. 8 cm
 ca. 9 cm

Adjustable Holder (VS 10)
70 mm

 48250 grey
 48251 white
 48252 black

Operating Rod
with Joint

 48504 125 cm
 48505 150 cm
 48506 200 cm
 48507 250 cm

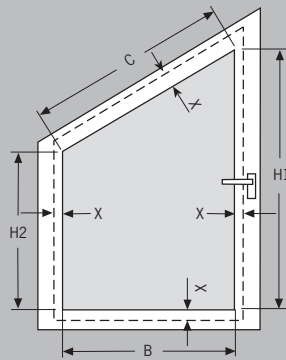
VS 5-10

Measuring to Fit to Frame

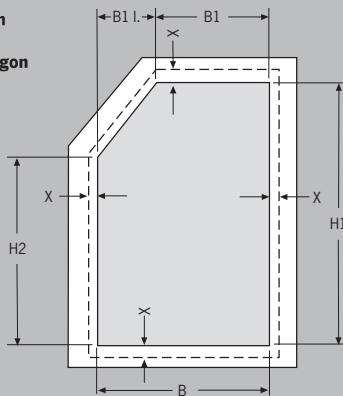
When fitting to the window frame please specify recess sizes plus the desired overlaps.

X = Desired Overlap to Outside Edge of Rail.

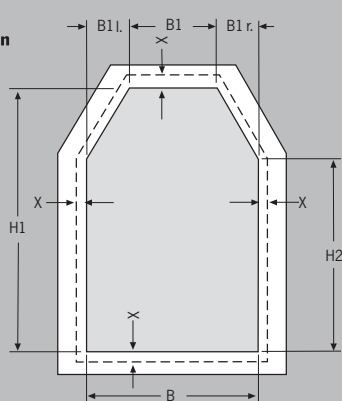
Mounting Instruction:
Clip and bracket require another 4,5 mm each,



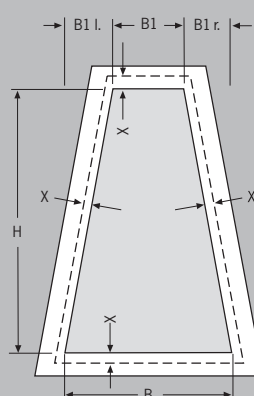
VS 5 Pentagon (Right Angle) VS 5 SD Pentagon (Right Angle)



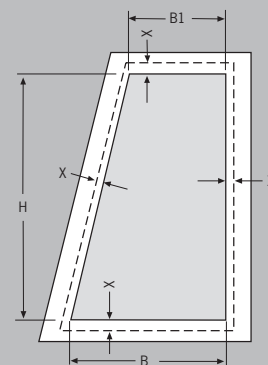
VS 6 Hexagon VS 6 SD Hexagon



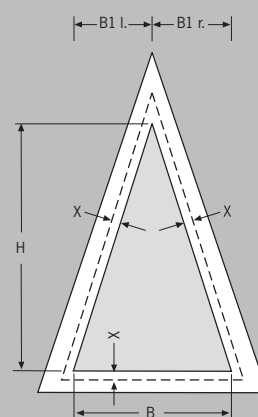
VS 7 Trapezium



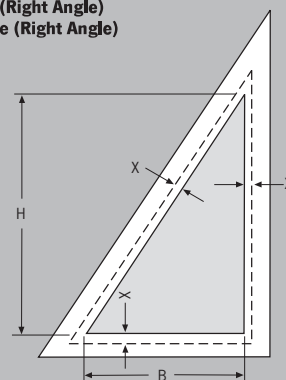
VS 8 Trapezium (Right Angle)



VS 9 Triangle VS 9 D Triangle



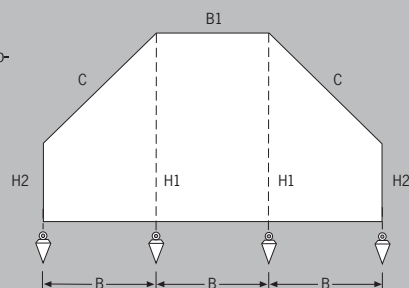
VS 10 Triangle (Right Angle) VS 10 D Triangle (Right Angle)



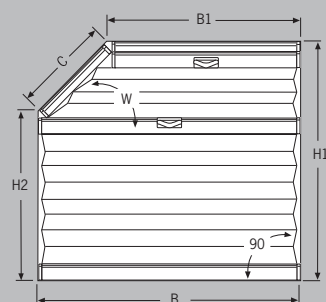
VS 5-10

Measuring to Fit to Window Beading

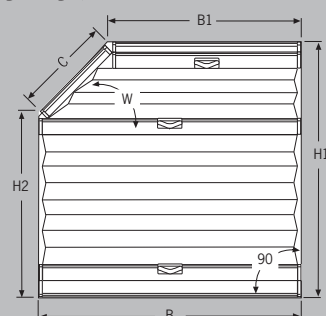
The recess sizes are measured with a plumb-line.



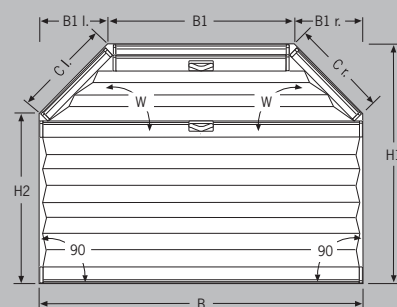
VS 5 Pentagon (Right Angle)



VS 5 SD Pentagon (Right Angle)



VS 6 Hexagon Symmetric and Asymmetric, at same Height H2



Please only specify recess sizes. The necessary reductions are determined by the manufacturer.

The hypotenuse **C** is used as reference dimension. Please take the measurements with great care, to ensure the correct calculation of the angle.

Measurement B: width

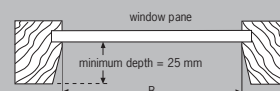
Measurement H1: total height

Measurement B1: width

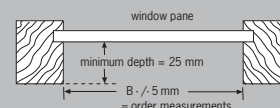
Measurement H2: short height

Measurement C: hypotenuse (not the rail size)

1. angled frame



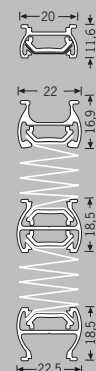
2. straight frame



VS 5 Pentagon

Aluminium rails,
silver anodised,
white coated,
black-brown coated or
brass anodised.

Fitting Situation: Vertical



VS 5 SD Pentagon

Aluminium rails,
silver anodised,
white coated,
black-brown coated or
brass anodised.

Fitting Situation: Vertical



VS 6 Hexagon

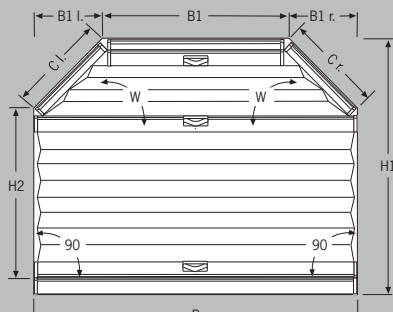
Aluminium rails,
silver anodised,
white coated,
black-brown coated or
brass anodised.

Fitting Situation: Vertical

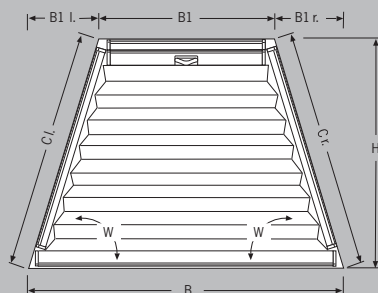


VS 5-10

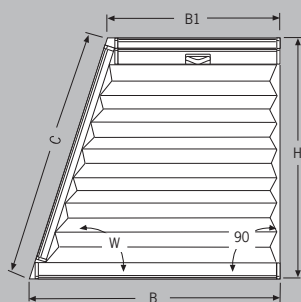
VS 6 SD Hexagon Symmetric and Asymmetric, at same Height H2



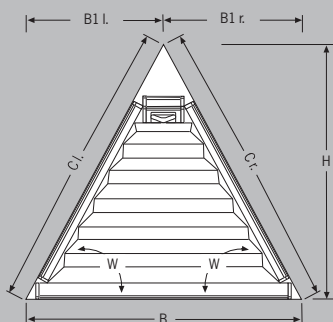
VS 7 Trapezium Symmetric and Asymmetric



VS 8 Trapezium (Right Angle)



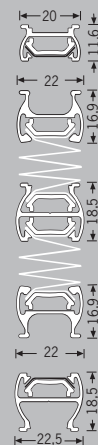
VS 9 Triangle Symmetric and Asymmetric



VS 6 SD Hexagon

Aluminium rails,
silver anodised,
white coated,
black-brown coated or
brass anodised.

Fitting Situation: Vertical



VS 7 Trapezium

Aluminium rails,
silver anodised,
white coated,
black-brown coated or
brass anodised.

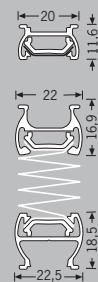
Fitting Situation: Vertical



VS 8 Trapezium (Right Angle)

Aluminium rails,
silver anodised,
white coated,
black-brown coated or
brass anodised.

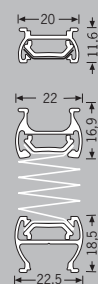
Fitting Situation: Vertical



VS 9 Triangle

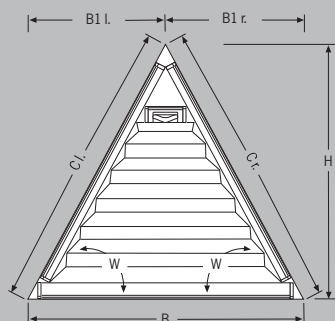
Aluminium rails,
silver anodised,
white coated,
black-brown coated or
brass anodised.

Fitting Situation: Vertical

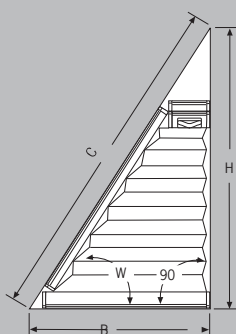


VS 5 - 10

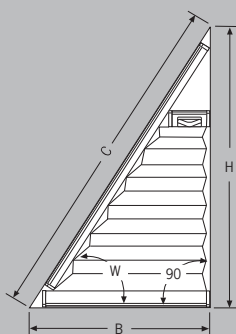
VS9 D Triangle Symmetric and Asymmetric



VS 10 Triangle (Right Angle)

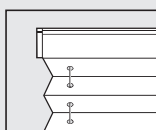


VS 10 D Triangle (Right Angle)



Attention:

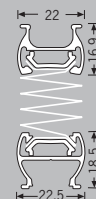
If Not Specified:
 Fabric Width = Rail Width
 End Caps Overlap!



VS9 D Triangle

Aluminium rails,
 silver anodised,
 white coated,
 black-brown coated or
 brass anodised.

Fitting Situation: Vertical



VS 10 Triangle (Right Angle)

Aluminium rails,
 silver anodised,
 white coated,
 black-brown coated or
 brass anodised.

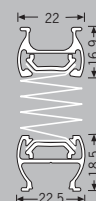
Fitting Situation: Vertical



VS 10 D Triangle (Right Angle)

Aluminium rails,
 silver anodised,
 white coated,
 black-brown coated or
 brass anodised.

Fitting Situation: Vertical



Distance Between Blind and Window Pane = 5 mm

